



RESIDENTIAL FURNACE INSTALLATION AND REPLACEMENT

A permit is required to install a new residential furnace and for the replacement of an existing furnace. Permits are required prior to installation or replacement of furnaces.

Permit Issuance

Most residential furnace permits can be obtained on-line at www.e-OneStop.net. Permits can also be obtained at the One-Stop Permit Center. Plans are required if the new furnace will be installed in the attic area. If installed in the attic, three sets of the plans shall be provided including a floor plan of the building showing the location of the furnace and the diagram on the reverse side of this page. Following are the standard furnace installation requirements:

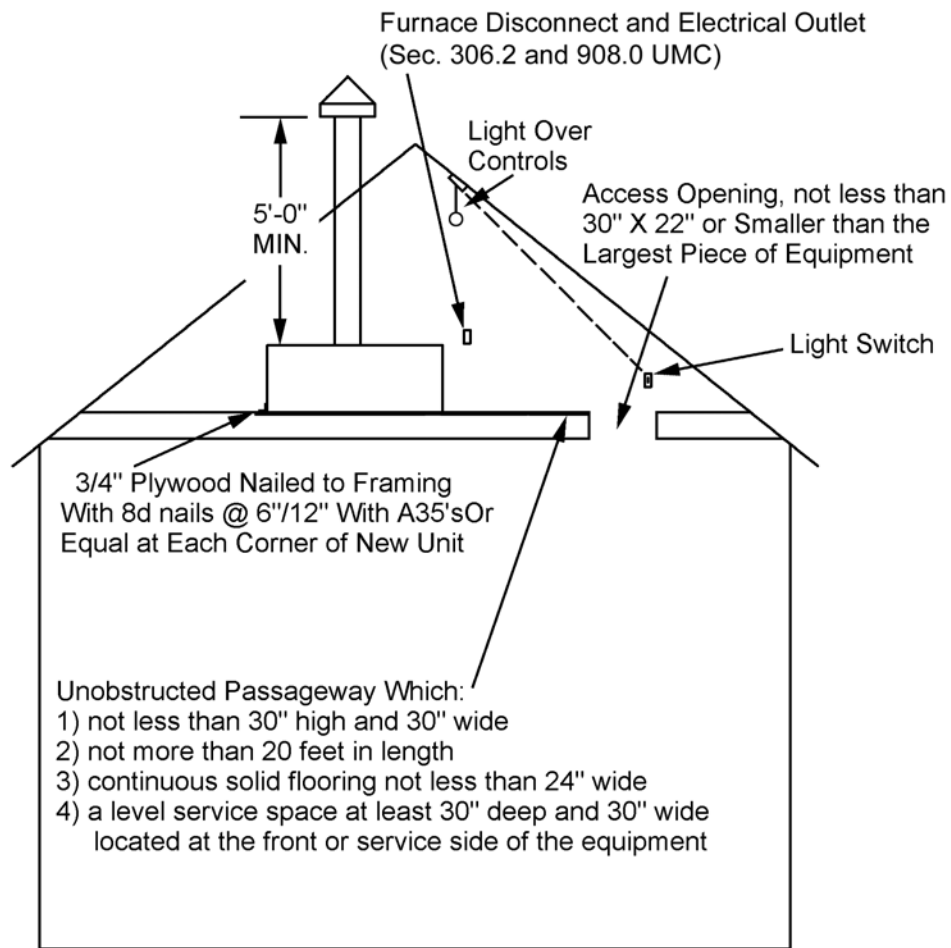
- An approved, independent means of disconnect for the electrical supply to each piece of equipment shall be provided in sight of the equipment served when the supply voltage exceeds 50 volts. (2001 CMC Section 309)
- A 120-volt service receptacle shall be located within 25 feet of, and on the same level as, the equipment for maintenance. The service receptacle shall not be connected on the load side of the required means of disconnect. (2001 CMC Section 309)
- A permanent switch controlled lighting shall be installed for maintenance of equipment is required and shall be accessible. Such lighting shall provide sufficient illumination to safely approach the equipment and perform the tasks for which access is provided. Control of the lighting shall be provided at the access entrance. (2001 CMC Section 309)
- Appliances generating a glow, spark or flame capable of igniting flammable vapors may be installed in a garage provided the pilots and burners or heating elements and switches are at 18 inches above floor level. (2001 CPC 510.1, 510.3)

Exception: Sealed combustion system appliances may be installed at floor level.

- When located in a garage and subject to vehicular damage, adequate barriers must be installed (e.g. 4" diameter steel post). (2001 CMC Section 309)
- Furnaces located in an attic area shall comply with the diagram on the reverse side of this page. (2001 CMC Section 908)
- Combustion air must be maintained per Uniform Mechanical Code. (2001 CMC Chapter 7)

Inspections Required

One final inspection is required after all the work has been completed.



If you have any questions, please call the City of Sunnyvale Building Division at (408) 730-7444. Information is also available on the Building Division web site at: www.sunnyvalebuilding.com.